

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1, 3-7, 9-16 and 18-24 are presently active in this application, Claims 1, 3-6, 9 and 11 having been amended, Claims 2, 8 and 17 canceled and Claims 20-24 added by the present Amendment.

In the outstanding Official Action Claims 1, 2, 4-8, 10, 11 and 13-15 were rejected under 35 USC §102(b) as being anticipated by Takahashi et al (EP 0 700 215); Claims 3 and 12 were rejected under 35 USC §103(a) as being unpatentable over Takahashi in view of Sugiura et al (U.S. 6,621,497); Claims 16-18 were rejected under 35 USC §103(a) as being unpatentable over Takahashi in view of Someya et al (U.S. 6,392,656) and Stanton (U.S. 5,428,408); Claim 19 was rejected under 35 USC §103(a) as being unpatentable over Takahashi in view of Zhang et al (U.S. 5,461,397); and Claim 9 was objected to as being dependent upon a rejected base claim, but otherwise indicated as including allowable subject matter if rewritten in independent form.

Applicants acknowledge with appreciation the indication of allowable subject matter. In light of this indication, Claim 9 has been rewritten in independent from including all of the limitations of the base claim and the intervening claim. Accordingly, it is believed that Claim 9 is in condition for formal allowance.

Also submitted herewith are new Claims 20-24. New Claims 20, 21 and 22 find support in the third, second, and first embodiments, respectively, of Applicants' disclosure, and new Claims 23 and 24 find support in the sixth embodiment of Applicants' disclosure. No new matter has been added.

In light of the rejection on the merits, Claims 1 and 11 have been amended to more clearly patentably define over the cited art, thereby to overcome the several grounds for rejection.

According to one aspect of Applicants' invention clarified in amended Claim 1, a picture signal displayed in at least one sub-field period is a non-three-primary color picture signal/ which comprises a color determined on the basis of the color picture signals of the input image information in one frame period, the color not being fixed to one color. By virtue of this feature, it is difficult for an observer to perceive color breakup.

In contrast, Takahashi et al teach a field-sequential color display in which a non-three primary color signal displayed in at least one sub-field period is only white. In other words, the non-three-primary color signal displayed in at least one sub-field period includes is not changed, but fixed. As a result, it is easy for the observer to perceive color breakup.

Indeed, Takahashi et al do not disclose or suggest a picture signal displayed in at least, one sub-field period is a non-three-primary color picture signal which comprises a color determined on the basis of the color picture signals of the input image information in one frame period, the color not being fixed to one color. Consequently, it is respectfully submitted that Claim 1 patentably distinguishes over Takahashi, and Claim 1 and its dependent claims are in condition for allowance.

On the other hand, another feature of Applicants' invention clarified in amended Claim 11 is that a sub-field determiner determines variably a non-three-primary color from three-primary color signals on the basis of an input picture signal including three three-primary color signals. Once again, therefore, it is difficult for the observer to perceive color breakup.

As mentioned above, Takahashi teaches a field-sequential color display in which a non-three-primary color signal displayed in at least one sub-field period is only white. In

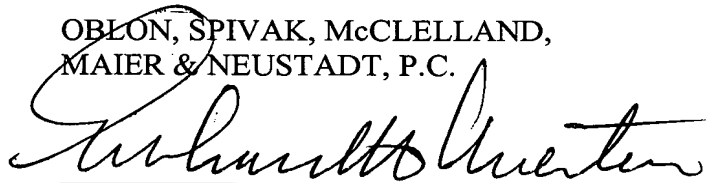
other words, the non-three primary color signal displayed in at least one sub-field period is not changed, but fixed. Once again, therefore, according to the prior art, it is easy for the observer to perceive color breakup.

Since Takahashi et al do not disclose or suggest a sub-field determiner determining variably a non-three-primary color from three-primary color signals on the basis of an input picture signal including the three-primary color signals, it is respectfully submitted that Claim 11 distinguishes over Takahashi et al, and that Claim 11 and its dependent claims likewise are in condition for allowance.

In view of the present amendment and in light of the above comments, therefore, it is respectfully submitted that the outstanding grounds for rejection have been overcome and that the pending claims are in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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